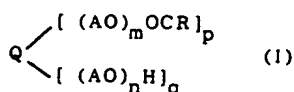


87-026617/04 A97 E19 G05 (A25) SANN 12.06.85
 SANYO CHEM IND LTD *J6 1284-478-A
 12.06.85-JP-128458 (15.12.86) B41m-05 D21h-01/38
 Chemical for ink jet recording paper - comprises quat. ammonium
 salt of polyoxyalkylene amine mono:carboxylate
 C87-011380

A cpd. for ink jet recording paper comprises quaternary
 ammonium salt of polyoxyalkylene amine monocarboxylate of
 formula (I).



Q = residue of quaternary ammonium salt;
 A = alkylene;
 R = monocarboxylic acid residue;
 m and n = integer of above 1;
 p = integer of above 1;
 q = 0 or integer of above 1.

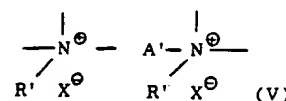
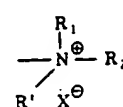
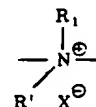
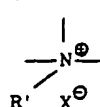
A(10-E7, 10-E18, 12-W7F) E(10-A22) G(5-F)

USE/ADVANTAGE

The cpd. develops any ink for ink jet recording and
 provides an image which does not discolour on ageing, has
 good light fastness, high degree of resolution and good
 water resistance.

DETAILS

In (I), Q is pref. gp. of formula (II), (III), (IV), or
 (V).



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R' = 1-4C alkyl, 2-4C hydroxyalkyl or benzyl;

X[⊖] = anionic pair ion;

R₁ and R₂ = lipophilic gp. having hydrocarbon gp.;

A' = diamine residue:-

The cpd. is e.g., impregnated in base material for ink-jet recording paper, e.g. paper, cloth or resinous film, or is contained in a coating for coat layer on a base material or is used as the aq. soln. on the paper-making process. (6ppW90PADwgNo0/0).

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